

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077799 A2

(51) International Patent Classification⁷: **B65H 39/14**,
37/04, B29C 70/16

(21) International Application Number:
PCT/NL2005/000100

(22) International Filing Date: 10 February 2005 (10.02.2005)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1025467 12 February 2004 (12.02.2004) NL
1025595 27 February 2004 (27.02.2004) NL

(71) Applicant (for all designated States except US): **BEILER
BEHEER B.V.** [NL/NL]; Middelgraaf 62, NL-5032 ER
Tilburg (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN DEN AKER,
Martinus, Cornelus, Adrianus** [—/NL]; Middelgraaf 62,
NL-5032 EG Tilburg (NL).

(74) Agent: **DEKKER-GARMS, Alwine, Emilie**; c/o Oc-
trooibureau Griebing B.V., Sportweg 10, NL-5037 AC
Tilburg (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

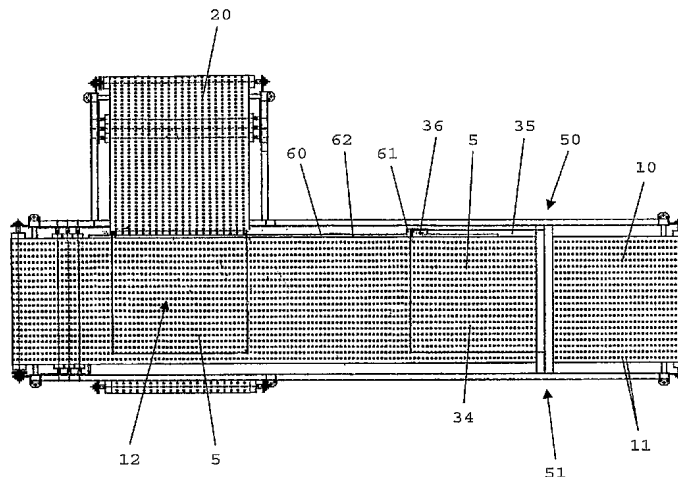
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR TRANSPORTING A SHEET



(57) Abstract: A device for manufacturing a crosslaid fibre web comprises a first conveyor belt (10) and a second conveyor belt (20), which are oriented in two different directions, wherein the second conveyor belt (20) adjoins a side of the first conveyor belt (10). During operation of the device, the first conveyor belt (10) transports longitudinal fibre web segments (5), which are conveyed to the second conveyor belt (20) in a conveyance region (12). During transportation by the first conveyor belt (10), a conveyance area (35) of the longitudinal fibre web segments (5) projects with respect to the side of the first conveyor belt (10). The device comprises a guiding belt (60) for supporting a portion (36) of this conveyance area (35), in order to guarantee that, in the conveyance region (12), the longitudinal fibre web segments (5) may be conveyed to the second conveyor belt (20) in a completely outstretched fashion.

WO 2005/077799 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.